

In the specification:

Please amend the abstract as follows:

~~According to one embodiment a computer system is disclosed. The~~ A computer system includes a central processing unit (CPU) and a cache memory coupled to the CPU. The cache memory includes a main cache having plurality of compressible cache lines to store additional data, and a plurality of storage pools to hold a segment of the additional data for one or more of the plurality of cache lines that are to be compressed.